

REMARKS/ARGUMENTS

Applicants would like to thank the Examiner for the careful consideration given to the present application. The application has been carefully reviewed in light of the Office Action, and amended as necessary to more clearly and particularly describe the subject matter, which Applicants regard as the invention.

The Examiner objects to claims 4, 5 and 18 because of informalities. Appropriate amendments to the claims have been made to correct the informalities.

The Examiner rejects claim 1–22 of the application under 35 U.S.C. 102(b) as being anticipated by Sawamura.

Regarding claim 1, the present application claims a first casing, a second casing, a connection portion, a first antenna element provided in the first casing, a conductor element provided in the second casing to form a dipole antenna together with the first antenna element and a feeding portion connected to both the first antenna element and the conductor element. The Examiner cites Sawamura's upper and lower casings as the first and second casings. The Examiner also cites Sawamura for teaching first and second antennas, which may include a conductor element. Sawamura, however, does not teach a second antenna or conductor element provided in the lower, or second casing. On the contrary, Sawamura teaches a second antenna (which may include a conductor element) on the front side of the upper casing. For, at least, the foregoing reasons, the limitation of claim 1 is not taught by Sawamura. Applicants therefore respectfully request withdrawal of the corresponding rejection of claim 1.

Regarding claims 2–22, at least the same arguments apply as stated above.

Additionally, regarding claims 4 and 5, the present invention claims a half-wavelength element electrically connected between at least one of the plurality of the first antenna elements

and the switching portion. Sawamura does not teach this feature but rather teaches a $\frac{1}{4}$ wavelength antenna with characteristics, which are substantially the same as that of a half-wavelength antenna.

Regarding claim 10, the present application claims a circuit board having a radio circuit provided in the second casing. Although Sawamura teaches a transmission/reception circuit, it is not provided in the second casing, but rather connected to the second antenna, which is set in the upper casing.

Regarding claim 11, the present application claims switching between a dipole antenna and a monopole antenna depending on whether the state of the first casing and second casing is opened or closed. Although Sawamura teaches switching between first and second antenna depending on whether the state of the upper and lower casing is opened or closed, Sawamura does not teach the switching between a dipole and monopole antenna.

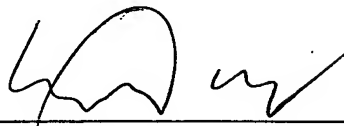
For, at least, the reasons stated above, Sawamura does not teach the limitations of claims 2–22. Applicant therefore respectfully requests withdrawal of the corresponding rejections of claims 2–22.

In light of the foregoing, it is respectfully submitted that the present application is in condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in condition for allowance, the Examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the present application.

Appln. No. 10/521,490
Amdt. dated September 18, 2006
Reply to Office Action dated July 3, 2006

If there are any additional fees resulting from this communication, please charge same to
our Deposit Account No. 16-0820, our Order No. 37395.

Respectfully submitted,
PEARNE & GORDON, LLP

By: 
Michael W. Garvey – Reg. No. 35,878

1801 East 9th Street
Suite 1200
Cleveland, Ohio 44114-3108
(216) 579-1700

Date: September 18, 2006